

Notice of Allowability

Application No.

10/660,296

Examiner

HUNG Q. PHAM

Applicant(s)

KEENE ET AL.

Art Unit

2168

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/13/07.
2. ☒ The allowed claim(s) is/are 7 and 17-29.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 05/11/07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

H. Q. Pham
Hung Pham
Primary Examiner
AU 2168

EXAMINER'S AMENDMENT

- An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with applicant's representative, David Stevens, on 05/10/2007.

- In the Claims filed on 11/02/2006, please:
REPLACE claims 21, 22, 25 and 26 by the following claims 21, 22, 25 and 26 (without strike-through and underlining markings).

21. *The method of claim 7, wherein the step of establishing access criteria for each group of information of the stored object and associated documents; is determined by a business relationship to produce products and defined by a host according to the need of information in the product chain.*

22. *A computer software implemented system for controlling access to objects stored in an electronic form, the system comprising:*

a host computer;

a host/guest application configured to govern the establishment of an established object and the established object's associated documents;

a searchable database for storing the established object and the established object's associated documents, wherein the established object and the established object's associated document comprising a plurality of groups of information;

a set privilege code for establishing an access criteria for each group of information of the stored object and associated documents; and

a set ID code for setting a user ID for the established object and the established object's associated documents stored in the searchable database;

wherein the host/guest application is further configured to:

receive an access request for the established object from a requestor,

extract the user ID of the requestor from the received access request,

verify the requestor by looking up first in a cache memory and if not in the cache memory then in the searchable database for a match with an extracted user ID,

verify the access criteria of the requestor in response to the match, by looking up first in the cache memory and if not in cache memory then in the database for the requestor access criteria,

redact the established object and the established object's associated documents by retaining groups of information in accordance with the verified access criteria of the requestor and blanking out groups of information for which the requestor does not have access, and

transmit the redacted established object and the established object's associated documents to the requestor.

25. *A computer apparatus for controlling access to objects stored in electronic form, comprising:*

a processor;

means for establishing an object and its associated documents;

means for storing the established object and its associated documents in a storage location, wherein the established object and its associated documents in a storage location, wherein the established object and its associated document comprising a plurality of groups of information;

means for establishing access criteria for each group of information of the stored object and its associated documents;

means for setting a user ID for the stored object and its associated documents;

means for receiving an access request for the stored object from a requestor;

means for extracting ID of the requestor from the received access request;

means for verifying the requestor by looking up first in cache memory and if not in the cache memory then in a database for a match with the extracted ID;

means for verifying the privilege access of the requestor, in response to the match, by looking up first in the cache memory and if not in the cache memory then in the database for the requestor privilege access;

means for redacting the stored object and its associated documents by retaining groups of information according to the verified privilege access of the requestor and blanking out groups of information that the requestor are not allowed to access; and

means for transmitting the redacted object and its associated documents to the requestor.

26. *The apparatus of claim 25, wherein means for establishing access criteria for each group of information of the stored object and associated documents, further includes means to read the contents of the requested object.*

REASONS FOR ALLOWANCE

- The following is an examiner's statement of reasons for allowance:

The primary reason for the allowance of the claims in this case is the inclusion of the steps of *redacting the established object and the established object's associated documents by retaining groups of information in accordance with the verified access criteria of the requestor and blanking out groups of information for which the requestor does not have access, and transmitting the redacted established object and the established object's associated documents to the requestor* now included in all the independent claims, in combination with the other elements recited, which is not found in the prior art of records.

- Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUNG Q. PHAM whose telephone number is 571-272-4040. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TIM T. VO can be reached on 571-272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



HUNG Q PHAM
Primary Examiner
Art Unit 2168

May 11, 2007